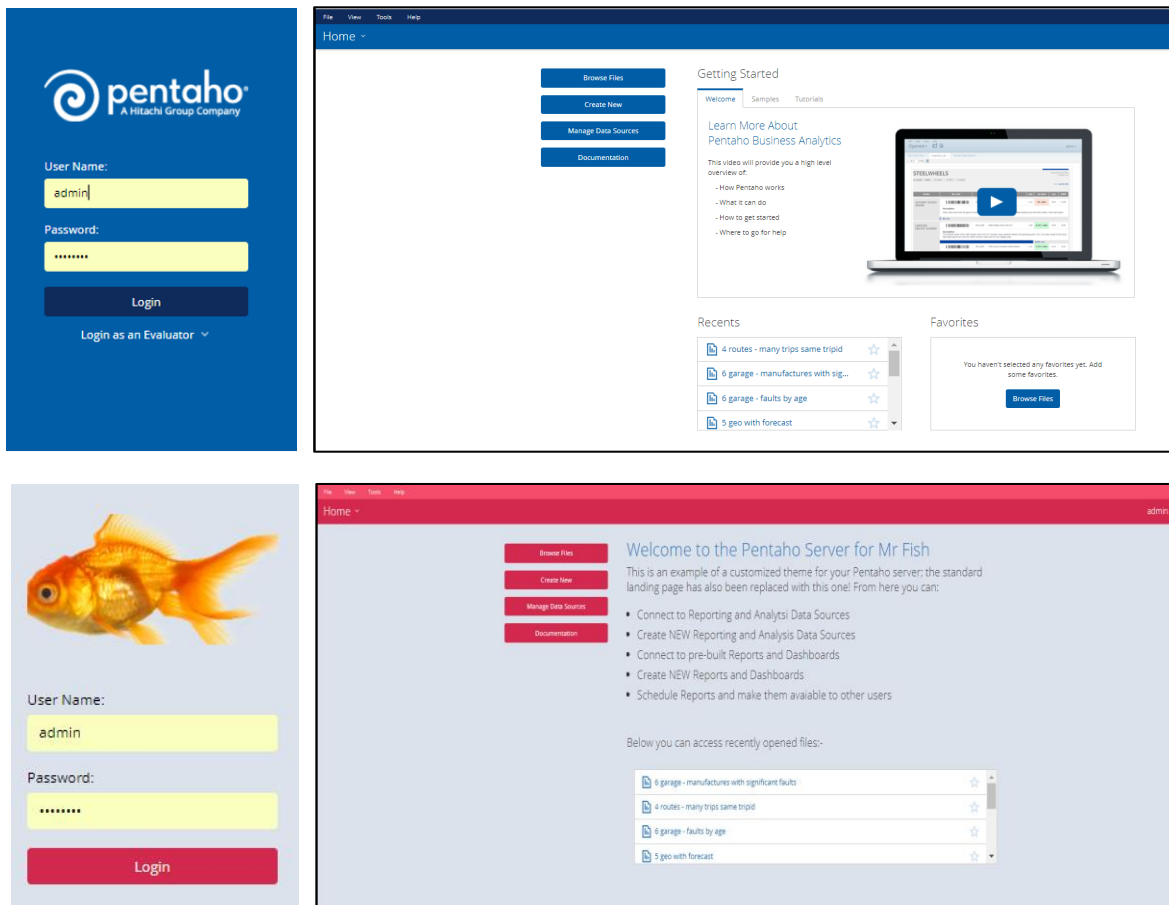


Create a Custom Theme in Pentaho Server

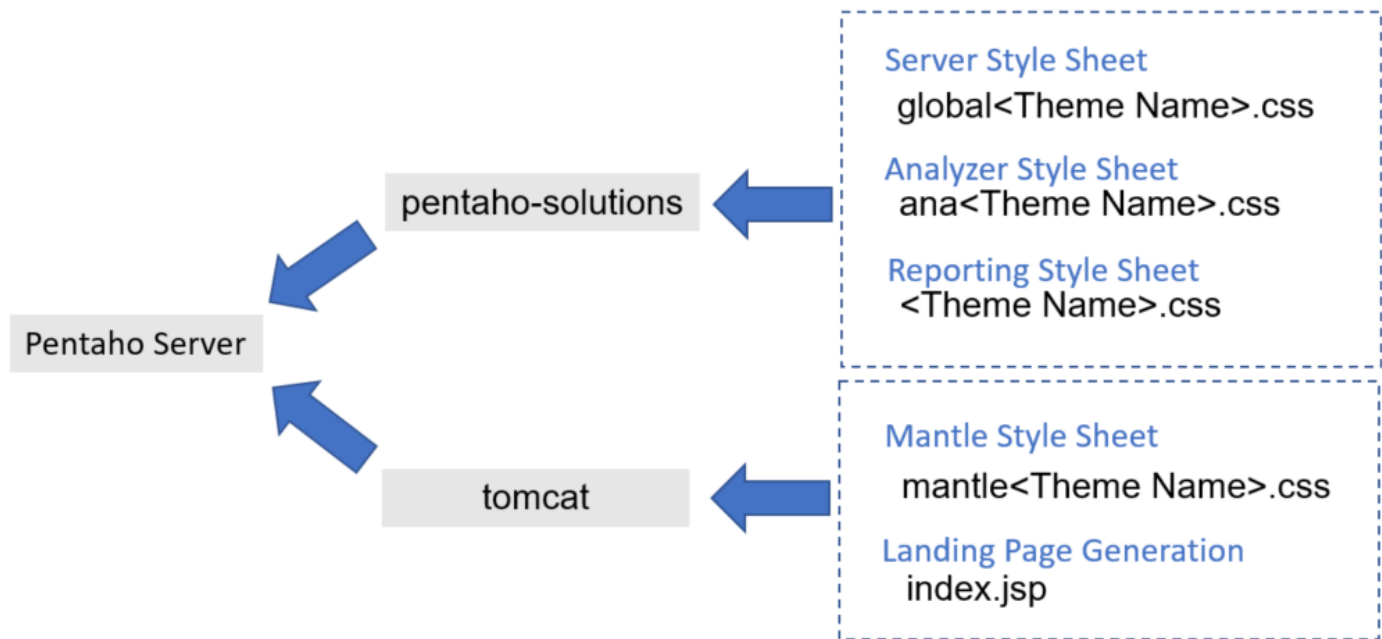
Michael Fish

1. Summary

This document will cover how to update configuration inside the Pentaho Server to make them updates so that you can easily change the look and feel of the server to match customers corporate identity. As an example, I take the “sapphire” theme and create a new theme called “fish”:



Before we start it is important to understand the architecture of the Pentaho server and what is required to simply update a theme, or to make a new theme.



2. File Locations

\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\resources\themes\sapphire\globalSapphire.css

\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\resources\themes\sapphire\images\pentaho-logo-white.png

\$PENTAHO_HOME\server\pentaho-server\tomcat\webapps\pentaho\mantle\themes\sapphire\mantleSapphire.css

\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\analyzer\styles\themes\sapphire\anaSapphire.css

\$PENTAHO_HOME \server\pentaho-server\tomcat\webapps\pentaho\mantle\home\index.jsp

Contents

| | | |
|----|--|----|
| 1. | Summary | 1 |
| 2. | File Locations | 2 |
| 3. | Useful information | 4 |
| 4. | Create a New Theme | 4 |
| 1. | Add new common-ui theme | 5 |
| 2. | Add new analyzer theme | 5 |
| 3. | Add new mantle theme | 6 |
| 4. | Set as default theme | 7 |
| 5. | Update Login Page | 7 |
| 1. | Change Login Logo | 8 |
| 2. | Change Background Colour and Image | 8 |
| 3. | Change Text Colour | 9 |
| 4. | Remove Login as Evaluator Option | 9 |
| 5. | Change Colour of Login Button | 10 |
| 6. | Update Main Theme (After login page) | 13 |
| 1. | Change Top Banner | 13 |
| 2. | Change Second Banner | 14 |
| 3. | Update Background Colour | 14 |
| 4. | Update Button Colour | 15 |
| 5. | Additional Menu Formatting – Home, File, Drop Down | 17 |
| 7. | Landing Page | 19 |
| 1. | Updating the Main Page Content | 19 |
| 2. | Update the “Recents” Plugin Colours | 21 |

| | | |
|----|--|----|
| 8. | Update Analyzer | 23 |
| 1. | Cross Tab Colors | 23 |
| ➤ | Yellow Dimension Column Headers (to red), text to white | 23 |
| ➤ | After setting colour for header text to white; need to set nested columns text back to black | 24 |
| ➤ | Yellow Dimension Row Headers (to light red), text to white | 25 |
| ➤ | Update Measure Value (to dark blue), text to white | 25 |
| 2. | Dimension and Measure Pill Colors | 27 |
| ➤ | Update Dimension Yellow Pill to Red | 27 |
| ➤ | Update Measure Light Blue Pill to Blue | 28 |
| 9. | Things to Consider | 29 |

3. Useful information

Anything under:

[\\$PENTAHO_HOME/server/pentaho-server/pentaho-solutions](#)

Requires, clear browser cache and restart of Pentaho Service.

Anything under:

[\\$PENTAHO_HOME/server/pentaho-server/tomcat](#)

Requires, clear browser cache only

4. Create a New Theme

You can change the theme of everything including common-ui, analyzer, dashboards and reporting. For this document we will only look at common-ui and analyzer as these have the most impact.

To customize the theme, you have 2 options:



- Update one of the standard themes (i.e. sapphire)
- Create a new theme

In this example we will create a new theme (to update an existing theme simply skip this first step). Please note if you decide to create a new theme, you must create themes for all components; i.e. common-ui, analyzer, mantle. If you do not there will be no css and the component will have default formatting. Some for speed and ease its often easier just to change an existing theme i.e. Sapphire. Note here I do not create a theme for “reporting” so this will have no custom format and have standard formatting which may not look great.

1. Add new common-ui theme

Edit the UI themes file:

`$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\themes.xml`

Add a new theme to the file:

```
<fish display-name="Fish" system="true">
  <file>globalFish.css</file>
  <file>bootstrap/css/bootstrap-namespaced.css</file>
</fish>
```

Copy the theme folder for an existing theme i.e. sapphire

`$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\resources\themes\sapphire`

To

`$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\resources\themes\fish`

Under the new folder rename: -

`globalSapphire.css` to `globalFish.css`

2. Add new analyzer theme

Edit the analyzer themes file:



\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\analyzer\themes.xml

Add a new theme to the file:

```
<fish>
  <file>anaFish.css</file>
</fish>
```

Copy the theme folder for an existing theme i.e. sapphire

\$PENTAHO_HOME \server\pentaho-server\pentaho-solutions\system\analyzer\styles\themes\sapphire

To

\$PENTAHO_HOME \server\pentaho-server\pentaho-solutions\system\analyzer\styles\themes\fish

Under the new folder rename: -

anaSapphire.css to anaFish.css

3. Add new mantle theme

Edit the mantle themes file:

\$PENTAHO_HOME\server\pentaho-server\tomcat\webapps\pentaho\mantle\themes.xml

Add a new theme to the file:

```
<fish>
  <file>mantleFish.css</file>
</fish>
```

Copy the theme folder for an existing theme i.e. sapphire

\$PENTAHO_HOME\server\pentaho-server\tomcat\webapps\pentaho\mantle\themes\sapphire

To

\$PENTAHO_HOME\server\pentaho-server\tomcat\webapps\pentaho\mantle\themes\fish

Under the new folder rename: -



mantleSapphire.css to mantleFish.css

4. Set as default theme

If you wish to do so set this new theme as default under: -

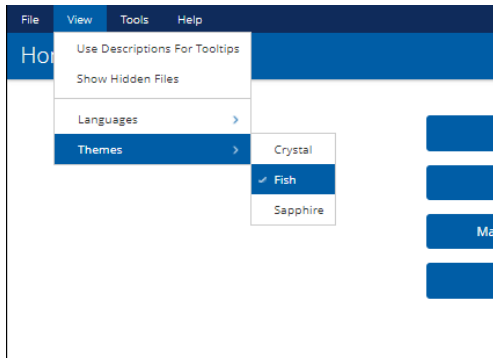
`$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\pentaho.xml`

Update default theme in the file:

```
<default-theme>fish</default-theme>
```

Clear browser cache and Restart the Pentaho Server

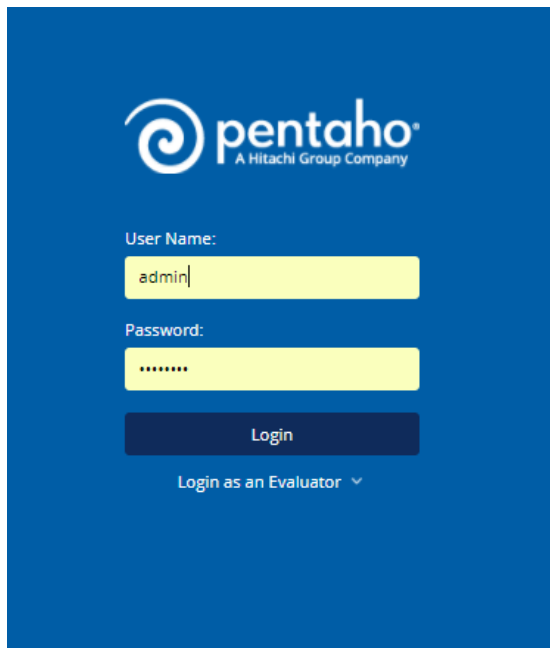
When you login to Pentaho server you will see the new theme is now being used (exactly the same theme as Sapphire under the new name)



5. Update Login Page

The Sapphire login page can be seen below; we are going to make some changes to some key components:





1. Change logo
2. Change background colour + change / remove background
3. Change text colour
4. Remove "Login as an Evaluator"
5. Change the colour of the button

1. Change Login Logo

To change the logo; simply edit / replace the file:-

\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\resources\themes\fish\images\pentaho-logo-white.png

2. Change Background Colour and Image

To change the background colour and image, edit:

\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\resources\themes\fish\globalFish.css

- Go to Line 7539
- Change the login background to your new choice of colour: i.e. #dce2ec (blue / grey)
- I decided to remove the background so commented out the background image line




```
#login-wrapper {
  background-color: #dce2ec;
  /* background-image: url(images/login_background.svg); */
  background-repeat: no-repeat;
  background-position: bottom center;
  background-size: contain;
  height: 100%;
  width: 100%;
  position: absolute;
  overflow: auto;
}
```

3. Change Text Colour

To change the text colour, edit:

\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\resources\themes\fish\globalFish.css

- Go to Line 4876
- Change colour to: #000;

```
#login .input-container label {
  color: #000;
}
```

4. Remove Login as Evaluator Option

To remove the login as evaluator, edit:

\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\resources\themes\fish\globalFish.css

- Go to Line 6456
- Add Line - display: none;

```
#eval-users-toggle {
  font-size: 14px;
```



```
color: #FFF;  
margin-top: 13px;  
white-space: nowrap;  
cursor: pointer;  
text-align: center;  
display: none;  
}
```

5. Change Colour of Login Button

To change the color of the button, edit

\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\resources\themes\fish\globalFish.css

- Go to Line 4889
- Set background: #d4294f (dark red)

```
#login .input-container button,  
#login .input-container button:link,  
#login .input-container button:visited,  
#login .input-container button:hover,  
#login .input-container button:active,  
#login .input-container button:focus {  
  margin-top: 3px;  
  width: 100%;  
  text-align: center;  
  border-radius: 4px;  
  border: 0 none;  
  padding: 8px 12px;  
  line-height: 21px;  
  -webkit-box-sizing: border-box;  
  -moz-box-sizing: border-box;  
  box-sizing: border-box;  
  -webkit-box-shadow: none;  
  box-shadow: none;
```




```
height: auto;
color: #FFF;
background: #d4294f;
filter: none;
}
```

- For the Hover:
 - Go to Line 4910
 - Set background: #d4294f (light red)

```
#login .input-container button:hover,
#login .input-container button:active,
#login .input-container button:focus {
  color: #FFF;
  background: #f54c69;
  filter: none;
}
```

Clear browser cache and Restart the Pentaho Server

 **pentaho**
A Hitachi Group Company

User Name:

Password:

Login

[Login as an Evaluator](#) ▾



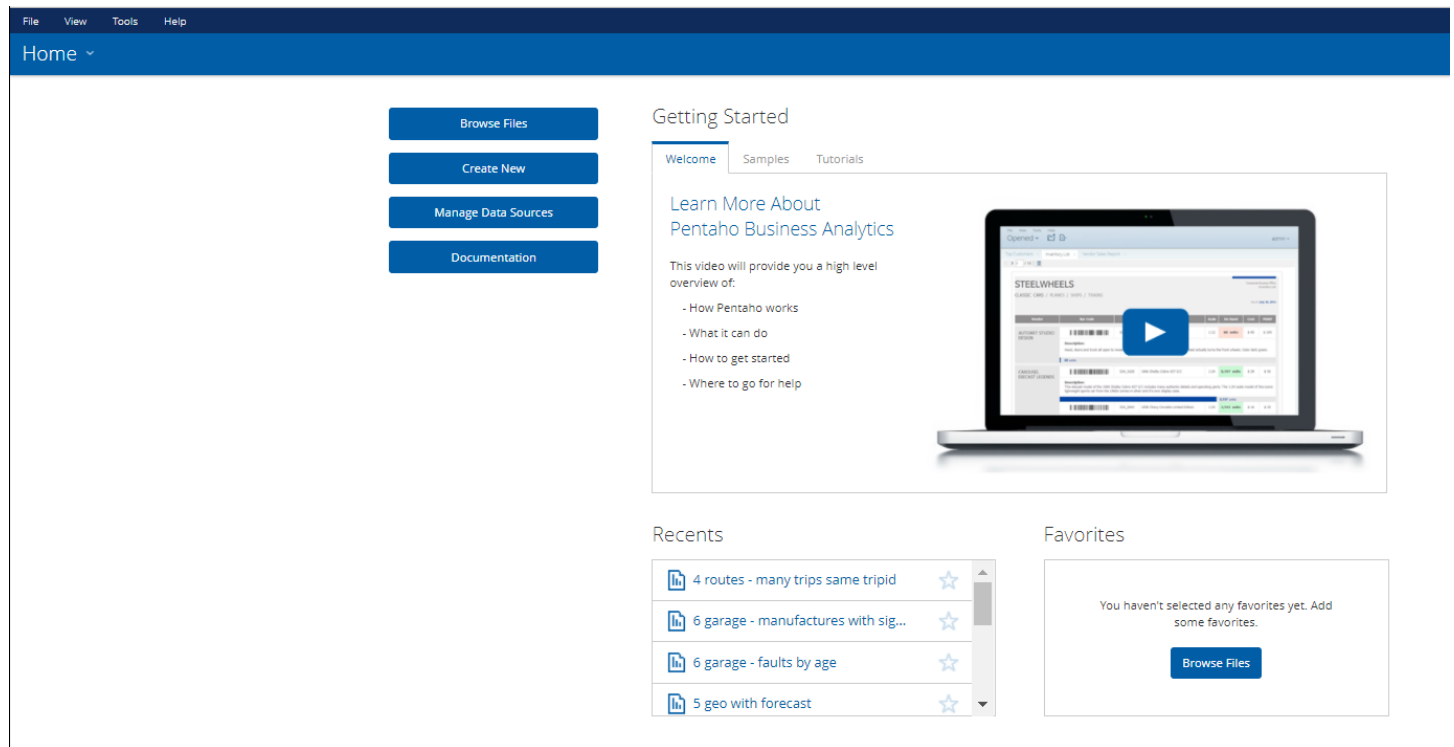
User Name:

Password:

Login

6. Update Main Theme (After login page)

After login you will see the standard Sapphire theme:



1. Update banner colours
2. Update background colour
3. Update button colour
4. Update Home, File Menu and Drop-Down colours
5. Options for updating landing page (next section)

1. Change Top Banner

To change the top banner colour, edit

\$PENTAHO_HOME\server\pentaho-server\tomcat\webapps\pentaho\mantle\themes\sapphire\mantleFish.css

- Go to Line 203



- Set background: #f54c69 (light red)

```
#mainMenubar {  
  padding: 0;  
  position: absolute;  
  top: 0;  
  left: 0;  
  width: 100%;  
  background: #f54c69;  
}
```

2. Change Second Banner

To change the second banner color, edit:

\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\resources\themes\fish\globalFish.css

- Go to Line 304
- Set background: #d4294f (dark red)

```
#pucHeader {  
  display: block;  
  height: 50px;  
  background: #d4294f;  
  filter: none;  
  -webkit-box-shadow: 0px 0 5px rgba(0, 0, 0, 0.5);  
  -moz-box-shadow: 0px 0 5px rgba(0, 0, 0, 0.5);  
  box-shadow: 0px 0 5px rgba(0, 0, 0, 0.5);  
  padding: 30px 0 0;  
  position: relative;  
}
```

3. Update Background Colour

Update background colour, edit



\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\resources\themes\fish\globalFish.css

- Go to Line 43
- Set background: #dce2ec (blue / grey)

```
html.bootstrap body {  
  margin: 0px;  
  padding: 0px;  
  font-family: OpenSansRegular, sans-serif;  
  font-size: 14px;  
  background: #dce2ec;  
  color: #333;  
}
```

4. Update Button Colour

To update button colour, edit

\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\resources\themes\fish\globalFish.css

- Go to Line 7509
- Set background: #d4294f (dark red)

```
#buttonWrapper button,  
#buttonWrapper button:link,  
#buttonWrapper button:visited,  
#buttonWrapper button:hover,  
#buttonWrapper button:active,  
#buttonWrapper button:focus {  
  background: #d4294f;  
  color: #FFF;  
  filter: none;  
  border-radius: 4px;  
  -webkit-box-shadow: none;  
  box-shadow: none;
```



```
font-size: 14px;
font-weight: 400;
line-height: 20px;
padding: 9px 15px;
}
```

- For the hover
 - Go to Line 7524 (directly below above)
 - Set background: #f54c69 (light red)

```
#buttonWrapper button:hover,
#buttonWrapper button:active,
#buttonWrapper button:focus {
  background: #f54c69;
  filter: none;
  color: #FFF;
}
```

There are also a second level of buttons; when you click on create new:

- Go to Line 7020
- Set background: #d4294f (dark red)

```
.bootstrap .btn.btn-large,
.bootstrap .btn.btn-large:link,
.bootstrap .btn.btn-large:visited,
.bootstrap .btn.btn-large:hover,
.bootstrap .btn.btn-large:active,
.bootstrap .btn.btn-large:focus {
  background: #d4294f;
  filter: none;
  font-size: 14px;
  line-height: 20px;
  color: #FFF;
}
```




```
padding: 9px 14px;
font-family: opensansregular, Helvetica, Arial, Sans serif;
border-radius: 4px;
border: 0 none;
-webkit-box-shadow: none;
-moz-box-shadow: none;
box-shadow: none;
white-space: nowrap;
cursor: pointer;
outline: 0 none;
}
```

- For the hover
 - Go to Line 7040 (directly below above)
 - Set background: #f54c69 (light red)

```
.bootstrap .btn.btn-large:hover,
.bootstrap .btn.btn-large:active,
.bootstrap .btn.btn-large:focus {
  background: #f54c69;
}
```

5. Additional Menu Formatting – Home, File, Drop Down

To format the additional menus, edit

\$PENTAHO_HOME\server\pentaho-server\tomcat\webapps\pentaho\mantle\themes\sapphire\mantleFish.css

- HOME
- Go to line 890
- Set Colour (I left it as white FFF – I have added it here as depending on your banner you may need to change)

```
.custom-dropdown-label {
  font-family: OpenSansLight, Helvetica, Arial, Sans serif;
  color: #FFF;
```



```
padding: 0 5px;  
font-size: 24px;  
padding-left: 10px;  
font-family: OpenSansLight;  
line-height: 39px;  
}
```

- DROP DOWN HOVER
- Go to line 1115
- Set background-color: #f54c69 (light red)

```
.gwt-MenuBar-vertical tr:hover .gwt-MenuItem-selected, .gwt-MenuBar-vertical tr:hover .subMenuItem-selected {  
    background-color: #f54c69;  
    color: #FFF;  
}
```

- DROP DOWN SELECTED
- Go to line 1012
- Set background-color: #d4294f (dark red)

```
.custom-dropdown-selected {  
    background-color: #d4294f !important;  
    color: #FFF !important;  
}
```

- FILE MENU Part 1
- Go to line 1070
- Set background-color: #f54c69 (light red)

```
.gwt-MenuBar-horizontal .gwt-MenuItem-selected {  
    background: #f54c69;  
    border: 0 none;  
    color: #FFF;
```



```
}
```

- FILE MENU Part 2
- Go to line 1129
- Set background-color: #d4294f (dark red)

```
.gwt-MenuBar-vertical .gwt-MenuItem-selected {  
    background-color: #d4294f;  
    color: #FFF;  
}
```

- FILE MENU Part 3
- Go to line 1150
- Set background-color: #d4294f (dark red)

```
.gwt-MenuBar-vertical .gwt-MenuItem-checkbox-checked-selected,  
.gwt-MenuBar-vertical .gwt-MenuItem-checkbox-unchecked-selected,  
.gwt-MenuBar-vertical .gwt-MenuItem-checkbox-checked-selected:hover,  
.gwt-MenuBar-vertical .gwt-MenuItem-checkbox-unchecked-selected:hover,  
.gwt-MenuBar-horizontal .gwt-MenuItem-selected:hover,  
.gwt-MenuBar-vertical .gwt-MenuItem-selected:hover {  
    background-color: #d4294f;  
    color: #FFF;  
}
```

7. Landing Page

1. Updating the Main Page Content

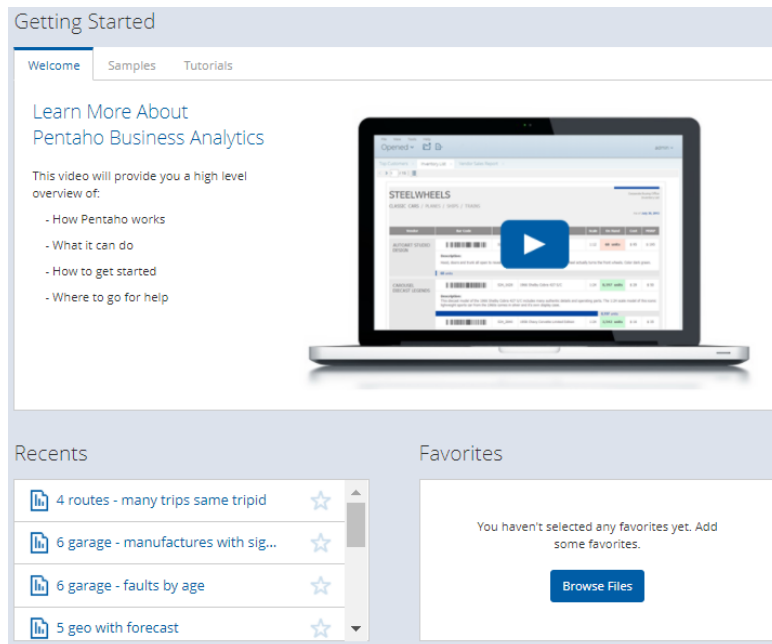
There is a jsp file that generate the code to render the page. It is defined in the file:-

\$PENTAHO_HOME server\pentaho-server\tomcat\webapps\pentaho\mantle\home\index.jsp



This file is executed when the page is loaded (there is no need to restart the server in between making changes to this). By default, it creates the landing page you are all familiar with the buttons down the left and the embedded pages to the right including the “Getting Started” links etc.

As an easy update I like to keep the buttons where they are (we have already updated the colour scheme for these in this document); but change the landing page part as you see below:



The code for this section can be found in index.jsp between lines: 152 and 285

```
152     <div class="span9" style="overflow:auto">
```

```
153
```

```
154         <div class="row-fluid">
```

```
.....
```

```
<!-- Landing Page Content Here! -->
```

```
.....
```

```
287     </div>
```

```
288 </div>
```

```
289 </div>
```

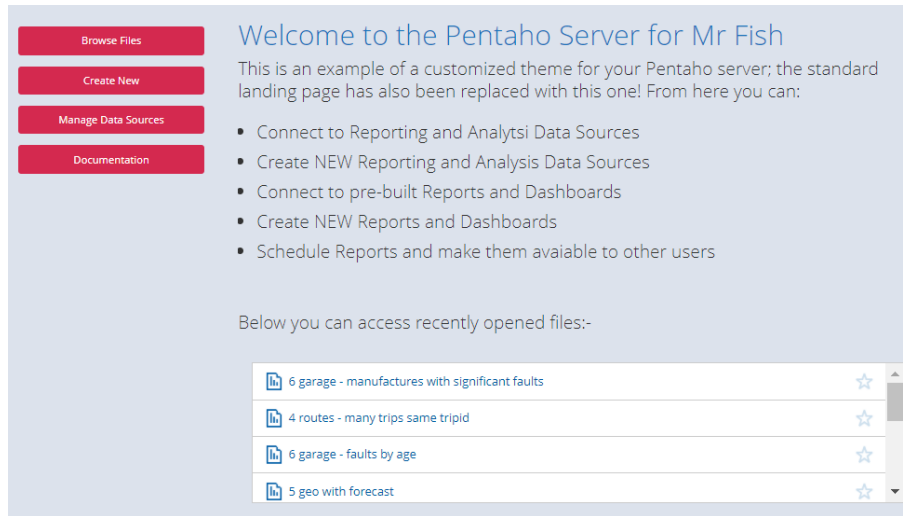
```
290 </div>
```

```
291
```

```
292 <script type="text/javascript">
```



My Example can be seen below; note I decided to keep the “Recents” list at the bottom.



2. Update the “Recents” Plugin Colours

The “Recents” component also had the blue colour scheme for mouse over, so I again changed the hover colour, edit:

\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\resources\themes\fish\globalFish.css

- Go to Line 7324
- Set background: #f54c69 (light red)

```
.bootstrap #recentsContianer .nav-tabs.nav-stacked > li > a:hover,  
.bootstrap #recentsContianer .nav-tabs.nav-stacked > li > a:active,  
.bootstrap #recentsContianer .nav-tabs.nav-stacked > li > a:focus,  
.bootstrap #favoritesContianer .nav-tabs.nav-stacked > li > a:hover,  
.bootstrap #favoritesContianer .nav-tabs.nav-stacked > li > a:active,  
.bootstrap #favoritesContianer .nav-tabs.nav-stacked > li > a:focus {  
  background: #f54c69;  
  color: #FFF;  
}
```



Updated Main Screen

The image displays two versions of the Pentaho Business Analytics (BI) main screen.

Top Screenshot (Standard Theme):

- Header:** File, View, Tools, Help. Home ▾
- Left Sidebar:**
 - Browse Files
 - Create New
 - Manage Data Sources
 - Documentation
- Getting Started:**
 - Welcome | Samples | Tutorials
 - Learn More About Pentaho Business Analytics
 - This video will provide you a high level overview of:
 - How Pentaho works
 - What it can do
 - How to get started
 - Where to go for help
 - Video player showing a laptop screen with a play button.
- Recents:**
 - 4 routes - many trips same tripid
 - 6 garage - manufactures with sig...
 - 6 garage - faults by age
 - 5 geo with forecast
- Favorites:**
 - You haven't selected any favorites yet. Add some favorites.
 - Browse Files

Bottom Screenshot (Customized Theme for Mr Fish):

- Header:** File, View, Tools, Help. Home ▾ admin ▾
- Left Sidebar:**
 - Browse Files
 - Create New
 - Manage Data Sources
 - Documentation
- Welcome to the Pentaho Server for Mr Fish:**
 - This is an example of a customized theme for your Pentaho server; the standard landing page has also been replaced with this one! From here you can:
 - Connect to Reporting and Analytisi Data Sources
 - Create NEW Reporting and Analysis Data Sources
 - Connect to pre-built Reports and Dashboards
 - Create NEW Reports and Dashboards
 - Schedule Reports and make them available to other users
- Below you can access recently opened files:-**
 - 6 garage - manufactures with significant faults
 - 4 routes - many trips same tripid
 - 6 garage - faults by age
 - 5 geo with forecast

8. Update Analyzer

1. Cross Tab Colors

The Analyzer colours have not been updated for along time; updating these to match a corporate identity can make the whole look and feel much more appropriate.

| Territory | Country | Line | | | | | | |
|-------------|--------------|--------------|-------------|-----------|---------|---------|------------------|--------------|
| | | Classic Cars | Motorcycles | Planes | Ships | Trains | Trucks and Buses | Vintage Cars |
| | | Sales | Sales | Sales | Sales | Sales | Sales | Sales |
| APAC | Australia | 193,086 | 89,969 | 74,854 | 4,160 | 1,681 | 77,319 | 189,555 |
| | New Zeala... | 167,198 | 99,849 | 46,572 | 34,234 | 8,226 | 23,818 | 155,687 |
| | Singapore | 51,673 | - | - | - | - | 44,529 | 19,297 |
| EMEA | Austria | 101,459 | 26,048 | 17,860 | 9,025 | - | 20,473 | 27,197 |
| | Belgium | 20,137 | - | 5,625 | 31,708 | 9,017 | - | 41,926 |
| | Denmark | 157,182 | - | 7,586 | 38,697 | 11,476 | 9,589 | 21,106 |
| | Finland | 153,552 | 47,867 | 34,375 | 29,808 | 5,117 | 40,479 | 18,383 |
| | France | 388,951 | 226,390 | 108,156 | 66,487 | 27,341 | 116,982 | 176,610 |
| | Germany | 148,315 | 7,498 | 23,001 | 5,501 | 5,043 | 10,178 | 20,936 |
| | Ireland | 31,689 | 4,953 | 11,784 | - | 3,113 | 3,983 | 2,234 |
| | Italy | 133,183 | 11,609 | 113,718 | 17,704 | 6,275 | 8,588 | 112,550 |
| | Norway | 134,787 | 51,769 | 29,501 | - | 11,310 | 37,076 | 43,021 |
| | Spain | 476,165 | 74,635 | 89,986 | 124,460 | 43,370 | 177,557 | 229,515 |
| | Sweden | 69,088 | 15,567 | 8,900 | 30,916 | 3,808 | 47,931 | 33,804 |
| | Switzerland | 117,714 | - | - | - | - | - | - |
| | UK | 159,378 | 40,803 | 41,164 | 72,959 | 12,636 | 28,143 | 123,799 |
| Japan | Hong Kong | - | 3,846 | 39,649 | - | - | - | 5,289 |
| | Japan | 47,271 | 26,536 | 49,177 | 18,860 | 3,524 | 13,349 | 29,450 |
| | Philippines | 53,112 | 18,062 | 20,907 | - | - | - | 1,935 |
| | Singapore | 81,218 | 4,176 | - | 14,156 | 13,279 | 44,498 | 15,664 |
| NA | Canada | 61,623 | 4,177 | 25,510 | 40,309 | - | 51,946 | 40,513 |
| | USA | 1,344,638 | 520,372 | 328,433 | 209,688 | 69,254 | 397,842 | 757,756 |
| Grand Total | | 4,091,420 | 1,274,125 | 1,076,757 | 748,671 | 234,469 | 1,154,281 | 2,066,226 |

All theme configuration Analyzer can be found in:

\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\analyzer\styles\themes\fish\anaFish.css

➤ Yellow Dimension Column Headers (to red), text to white

- Go to Line 381
- Set background: #f54c69 (light red)



```
.pivotTable .columnHeaders .columnheading {  
  background-color: #f54c69;  
}
```

- Hover
 - Go to Line 385
 - Set background-color: #d4294f (dark red)

```
.pivotTable .columnHeaders .columnheading:hover {  
  background-color: #d4294f ;  
}
```

- Go to Line 370
- Set color: #FFF;

```
.pivotTable .columnHeaders td {  
  color: #FFF;  
  border: 1px solid #CCC;  
  border-left: none;  
  border-bottom: none;  
}
```

➤ After setting colour for header text to white; need to set nested columns text back to black

- Go to Line 397
- ADD color: #000000 (black text)

```
pivotTable .columnHeaders .member {  
  background-color: #F8F8F8;  
  color: #000000;  
}
```



➤ Yellow Dimension Row Headers (to light red), text to white

- Go to Line 434
- Set background: #f54c69 (light red)
- Set color: #FFF (white text)

```
.pivotTable .rowLabelHeaders td {  
  color: #FFF;  
  background-color: #f54c69;  
  border: 1px solid #CCC;  
  border-right: none;  
}
```

- Hover
 - Go to Line 441
 - Set background-color: #d4294f (dark red)

```
.pivotTable .rowLabelHeaders td:hover {  
  background-color: #d4294f;  
}
```

➤ Update Measure Value (to dark blue), text to white

- Go to Line 418
- Set background-color: #BCE9F9 (light blue)
- Set color: #FFF (white text)

```
.pivotTable .columnHeaders .metric {  
  background-color: #BCE9F9;  
  color: #FFF;  
}
```

- Hover

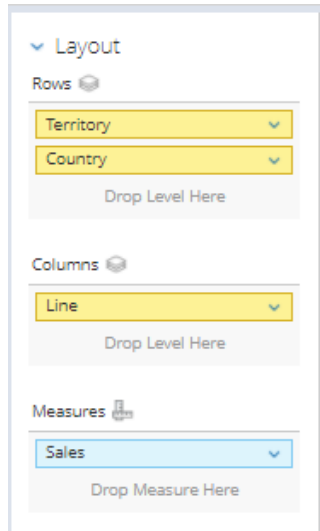


- Go to Line 422
- Set background-color: #006488 (dark blue)

```
.pivotTable .columnHeaders .metric: hover {
  background-color: #006488;
}
```

| | | Line | | | | | | | |
|-------------|--------------|--------------|-------------|-----------|---------|---------|------------------|--------------|-------|
| Territory | Country | Classic Cars | Motorcycles | Planes | Ships | Trains | Trucks and Buses | Vintage Cars | |
| | | Sales | Sales | Sales | Sales | Sales | Sales | Sales | Sales |
| APAC | Australia | 193,086 | 89,969 | | | | | | |
| | New Zeala... | 167,198 | 99,849 | | | | | | |
| | Singapore | 51,673 | - | | | | | | |
| EMEA | Austria | 101,459 | 26,048 | | | | | | |
| | Belgium | 20,137 | - | | | | | | |
| | Denmark | 157,182 | - | | | | | | |
| | Finland | 153,552 | 47,867 | | | | | | |
| | France | 388,951 | 226,390 | 10 | | | | | |
| | Germany | 148,315 | 7,498 | | | | | | |
| | Ireland | 31,689 | 4,953 | | | | | | |
| | Italy | 133,183 | 11,609 | 11 | | | | | |
| | Norway | 134,787 | 51,769 | | | | | | |
| | Spain | 476,165 | 74,635 | | | | | | |
| Japan | Sweden | 69,088 | 15,567 | | | | | | |
| | Switzerland | 117,714 | - | | | | | | |
| | UK | 159,378 | 40,803 | | | | | | |
| | Hong Kong | - | 3,846 | | | | | | |
| | Japan | 47,271 | 26,536 | | | | | | |
| NA | Philippines | 53,112 | 18,062 | | | | | | |
| | Singapore | 81,218 | 4,176 | | | | | | |
| Grand Total | Canada | 61,623 | 4,177 | | | | | | |
| | USA | 1,344,638 | 520,372 | 32 | | | | | |
| Grand Total | | 4,091,420 | 1,274,125 | 1,076,757 | 748,671 | 234,469 | 1,154,281 | 2,066,226 | |

2. Dimension and Measure Pill Colors



1. Update Dimension Pills from Yellow to Red
2. Update Measure Pills from Pale Blue to Blue

It makes good practice to update the “pill” or “gem” colours to match the colours used for dimensions and measures inside the cross tab, edit:

\$PENTAHO_HOME\server\pentaho-server\pentaho-solutions\system\common-ui\resources\themes\fish\globalFish.css

➤ Update Dimension Yellow Pill to Red

- Go to Line 6137
- Set background: #f54c69 (light red)
- Add color: #FFF (white text)

```
.gem {  
  height: 17px;  
  border-radius: 0px;  
  padding: 1px 5px;  
  margin-bottom: 4px;  
  min-width: 120px;
```



```
background: #f54c69;
color: #FFF;
border: 1px solid #D6B225;
}
```

- Hover
 - Add a new function, as not to have to edit the parent CSS (dark red)

```
.propPanellItem .gem:hover {
    background-color: #d4294f;
    border: 1px solid #d4294f;
}
```

➤ Update Measure Light Blue Pill to Blue

- Go To 6160
- Set background: #068ebf (light blue)

```
.propPanel_gemBar.number .gem {
    background: #068ebf;
    color: #FFF;
    border: 1px solid #7EC9F2;
}
```

- Hover
 - Add a new function, as not to have to edit the parent CSS (dark blue)

```
.propPanel_gemBar.number .dojoDndContainerOver .gem:hover {
    background-color: #006488;
    border: 1px solid #006488;
}
```



FileViewToolsHelp
Opened

Analysis Report

Available fields (14) for: SteelWheelsSales
Find:
View

Customers
Customer (6)

Markets
Territory
Country
State Province
City

Measures
Quantity
Sales

Order Status
Type

Product
Line
Vendor
Product (3)

Time
Years
Quarters
Months

Layout
Rows
Territory
Country
Drop Level Here
Columns
Line
Vendor
Drop Level Here
Measures
Sales
Drop Measure Here

No Filters

| | | Line | Vendor | | |
|-------------|--------------|-----------------------|--------------------------|-------------------------|--|
| | | Autoart Studio Design | Carousel DieCast Legends | Classic Metal Creations | |
| Territory | Country | Sales | Sales | Sales | |
| APAC | Australia | 5,020 | 8,954 | 49,080 | |
| | New Zeala... | 16,091 | 4,079 | 32,441 | |
| | Singapore | - | 6,374 | 5,767 | |
| EMEA | Austria | 5,546 | 3,195 | 18,263 | |
| | Belgium | - | - | - | |
| | Denmark | 5,775 | 2,675 | 16,712 | |
| | Finland | 2,818 | 2,100 | 24,729 | |
| | France | 18,519 | 28,703 | 89,974 | |
| | Germany | 16,297 | - | 22,762 | |
| | Ireland | - | - | - | |
| | Italy | 9,160 | 1,352 | 16,144 | |
| | Norway | 5,411 | 7,420 | 25,850 | |
| | Spain | 3,930 | 40,114 | 76,116 | |
| | Sweden | 9,451 | 3,257 | 14,345 | |
| Switzerland | 7,950 | - | 25,168 | | |
| Japan | UK | 3,923 | 8,244 | 25,997 | |
| | Hong Kong | - | - | - | |
| | Japan | - | 3,641 | 7,681 | |
| | Philippines | 5,265 | - | 19,245 | |
| NA | Singapore | - | 2,963 | 10,994 | |
| | Canada | - | 10,423 | 13,205 | |
| | USA | 38,112 | 66,630 | 248,222 | |
| Grand Total | | 153,268 | 200,124 | 742,694 | |

9. Things to Consider

In this document I have given examples on how to change the key formatting properties that can help define a custom theme; but bear in mind, If you use a dark colour for a background, you may need to change overlaying text to a light colour. Whilst I have covered most of the main properties there are 10's thousands of lines of CSS and I couldn't possibly cover it all; so there may be occasions when a change means hunting for some other CSS that is affected.

Also bear in mind that there are many icons that are used within the console; for example, the save icon is white, so if you put this on a white background you won't see it; you can update the icons but that would be additional effort.

Next Steps: I plan of creating a config file and script that will allow people to automatically update all the properties for a theme as defined in this document.

